

Title (en)
LIQUID-COOLED CONTACT ELEMENT

Title (de)
FLÜSSIGKEITSGEKÜHLTES KONTAKTELEMENT

Title (fr)
ÉLÉMENT DE CONTACT REFROIDI PAR LIQUIDE

Publication
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Application
EP 17745974 A 20170630

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• DE 2017100550 W 20170630

Abstract (en)
[origin: WO2018006903A1] The invention relates to an electrical contact element for a car charging plug connector, which electrical contact element has a contact part (4) and a connection part (3), wherein the connection part (3) can be connected to an electrical conductor (9) of a cable (2). Cooling liquid can be delivered to the contact element (1). As a result, the heat produced on the contact element is extracted directly. Therefore higher currents can be transmitted by means of such a contact element (1) than by means of known contact elements.

IPC 8 full level
H01R 13/00 (2006.01); **H01R 4/56** (2006.01)

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Citation (search report)
See references of WO 2018006903A1

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